PROJECT NUMBER : 2307
PROJECT TITLE : Basic Flavor Investigation
PREPARED BY : R. W. Hale
PERIOD COVERED : July, 1991

I. ANALYTICAL SUPPORT

A. Objective: To provide analytical support for activities related to development and application of flavoring materials.

B. Results:

Two hundred twenty-six analysis requests were completed during the month of July, and one hundred seventy-three new sample requests for the month were received.

1. Samples for Project 2304: Flavor samples, purities and headspace analysis were completed during the month.

2. Samples for Project 2305: Casings and aftercuts for SRL qualification, Grain and storage study for flavors and casings. Marlboro Standardization Run IX analyses were completed during the month.

3. Samples for Project 2306: Marlboro concentrates, preblends, casings, MS/MSA POL, Marlboro Extra Lights POL were completed in July.

4. Samples for Project 5001: Residual solvents and GC/headspace analysis for packaging materials were completed during the month of July.

5. Headspace/GC analyses of Marlboro, Marlboro Lights (Egypt) and Barclay UL (Switzerland) were completed in the month of July.

II. FLAVOR INVESTIGATION

A. Objective: To develop new basic and applied flavor technology in support of new product development objectives.

B. Results:

1. The efforts to identify the off-odor and taste in triacetin and glycerin are ongoing. Subjective evaluation of cigarettes prepared with good and bad glycerin is underway and results of the smoking panel should be ready by August 1, 1991.

2. A repeat of the sucrose inversion in Burley spray is underway to confirm the data from the previous runs.

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